

Request for Bids

Town of Tiverton

Fogland Beach Survey/Mapping Project

The Town of Tiverton is seeking bids from qualified professional land surveying and/or civil engineering firms for surveying and mapping services for the purpose of completing a detailed survey/map of Town-owned land at Fogland Point, Tiverton, RI, as detailed in "the Project" section below.

Copies of the Request for Bids may be obtained by contacting the Office of the Town Clerk (business hours: 8:30 – 4:00, Monday through Friday).

All bids will be publicly opened at the Tiverton Town Hall on Monday, April 19, 2010 at 2:00 p.m.

Five copies of each bid must be sealed in a plain envelope, said envelope to be clearly marked, "Fogland Beach Survey/Mapping Project", and submitted to the Office of the Town Clerk, no later than 12:00 (noon) on Monday, April 19, 2010. The Mailing address for bids is:

Town Clerk
Town Hall
343 Highland Road
Tiverton, RI, 02878
ATTN: Fogland Beach Survey/Mapping Project

Detailed Request for Bids

Fogland Beach Survey/Mapping Project

General:

The Town of Tiverton reserves the right to accept or reject any and all bids as it may deem to be in the best interest of the Town.

Although the project is divided into five phases, and bids are hereby sought for all phases individually, bids will only be accepted for those phases for which funding from the Town, or other sources, is available. Bids on phases I – IV must be good for a period of 6 months from April 14, 2010; bids for phase V must be good for a period of 1 year from April 14, 2010.

All bids received before the closing date/time will be evaluated by Dr. Thomas Ramotowski, Chair of the Fogland Beach Oversight Committee, with assistance from Town employees (Director of Public Works, Director of Planning, Town Administrator, Town Solicitor, etc.) as required. The Tiverton Town Council shall have final approval for any/all bids. Questions regarding this request for bids should be directed to Dr. Ramotowski at 401-624-2859.

The successful bidder(s) shall provide all necessary personnel, subcontractors, materials, and equipment to perform and complete all work under each phase of the project. Subject to Town Council approval, the Town of Tiverton intends to award a contract for the phases of the project by 01 May 2010. The firm(s) selected to perform the work shall be prepared to commence work on the approved/authorized phases immediately upon execution of a contract with the Town. Completion dates for each approved/authorized phase will be negotiated with the Town of Tiverton's project point-of-contact (POC), Dr. Thomas Ramotowski.

The Location

Property owned by the Town of Tiverton at Fogland Point, Map 1-3, Block 185, Card 1A, Tiverton, RI.

The Project

The Fogland Beach Survey/Mapping Project has been divided into five phases. Bids must be for complete phases only; bids covering only portions of a phase will not be accepted.

Phase 1: Property Survey: This Phase shall include researching Land Evidence Records as a part of the property line survey. The following standards shall apply: All boundary lines common to private property to be shown to a class I survey standard; riparian boundary lines to be shown to a class IV standard, and physical features to be shown to a class III survey standard. This Phase shall also include surveying calculations, setting of iron pins/rebars at un-monumented corners, and the preparation of plans suitable for recording in the Tiverton Land Evidence Records (18" x 24" Mylar sheets). All survey maps will be signed and stamped by a Rhode Island registered professional land surveyor.

Phase 2: Wetlands determination: During this Phase of the Project, a professional biologist will flag/delineate the fresh and salt-water wetlands located on the property. NOTE: The location of these wetland boundaries/flags will be transferred to a topographic map of the site during Phase 3.

Phase 3: This Phase of the Project shall include a topographic survey, which will incorporate a field survey and aerial photogrammetry to obtain topographic mapping at a two-foot contour interval. Locations of wetlands flags (placed during Phase 2) will be transferred to the topographic map, and a detailed site plan will be prepared. Paper and electronic versions (AutoCAD) of the site plan will be generated and provided to the Town of Tiverton. The existing conditions plan shall consist of one overall sheet at a scale of 1" = 200', and additional sheets at a scale of 1" = 40'. The survey/plan will show physical features including (but not limited to): roads (paved and unpaved); utility poles, buildings, stone walls, boulder lines/barriers, and major natural features (beach dunes, vegetation changes – marsh grass/scrub/tree lines, etc.). The Town of Tiverton will retain ownership of the electronic version of the existing conditions plan, as well as the aerial photographs.

Phase 4: Beach monitoring effort: This Phase shall include setting up reference points and profiles at 100' intervals along the beach, a detailed topographic survey along the beach above and below mean low water levels, and the plotting of profiles to determine sand migration for future reference for beach nourishment/restoration activities. An electronic version (AutoCAD) of the final versions of the plots will be required.

Phase 5: Ecological Evaluation: The major product of this Phase of the Project shall be a detailed, written evaluation/report on the quality and preservation state of all of the critical ecological features (including, but not limited to: fresh/salt water marshes, beach dunes and beaches) on the property. Said report shall also include recommendations for improving the condition of these features and also suggestions for future conservation activities related to same. The biologist/coastal geologist generating these reports and recommendations will also be required to attend public hearings on the draft long-term management plan for Fogland Beach (to be written by the Fogland Beach Oversight Committee) that will be generated from the survey/map from Phases 1, 2, 3 and

4 of this Project and the evaluation/report generated during this Phase (Phase 5) of the Project. At these public hearings, the biologist/coastal geologist will be asked to present his/her findings and recommendations, as well as answer any questions from the public and the Tiverton Town Council (whose approval for the long-term management plan is necessary to give it legal backing). The public hearings will be held in Tiverton and will probably involve two meetings at night of 1-3 hours duration.